



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE (REV. 7-80)

**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET No.: 1010/16104-US4  
APPLICANT: WEINER, et al.  
FILING DATE: July 22, 1994

SERIAL No.: 08/279,275  
GROUP 1644

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
M	1.*	4,804,745	02/14/89	—	—	
	2.*	5,075,112	12/24/91	—	—	

**FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
R	3.	WO 88/10120	12/29/88	—	—	
	4.	WO 91/08760	06/27/91	—	—	
	5.*	WO 92/06704	04/30/92	—	—	
	6.	WO 92/06708	04/30/92	—	—	
	7.*	WO 93/02699	02/18/93	—	—	
	8.	WO 93/16724	09/02/93	—	—	
	9.*	WO 93/21222	10/28/93	—	—	
				—	—	
				—	—	

**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**

- R
- 10.\* Allegretta, M., et al., Science, 247:718-721, 1990.
  - 11.\* Avrilionis, K. and Boggs, J.M., J. Neuroimmunol. 35:201-10, 1991.
  - 12.\* Ben-Nun, A., et al., J. Immunol., 129:303-308, 1982.
  - 13.\* Burns, F.R., et al., J. Exp. Med., 169:27-39, 1989.
  - 14.\* Chen et al., Science 265:1237, 1994.
  - 15.\* Cremer, et al., J. Immunol. 87:2995, 1983.
  - 16.\* Eisenbarth, G.S., New Eng. J. Med. 314:1360-8, 1986.
  - 17.\* Englert, et al., Cell. Immunol. 87:357, 1984.
  - 18.\* Gaur et al., Science 258:1491-4, 1992.
  - 19.\* Harrison et al., J. Clin. Invest. 89:1161-5, 1992.
  - 20.\* Holoshitz, J. et al, J. Immunol. 131:2810, 1983
  - 21.\* Howell, M.D., et al., Science, 246:668-670, 1989.
  22. Janeway, Nature 341:482-83, 1989.
  - 23.\* Khoury, S. J., et al., J. Exp. Med. 176:1355, 1992.
  - 24.\* Lane, I. William et al., Sharks Don't Get Cancer, Avery Publishing Group Inc., 1992, updated edition 1993.
  - 25.\* Lider et al., Ann. N. Y. Acad. Sci., pp. 267-273, 1986.
  - 26.\* Martin, R., et al., J. Immunol. 145:540-8, 1990.
  - 27.\* Martin, R., et al., J. of Exper. Med. 173:19-24, 1991.



- 28.<sup>△</sup> Martin, R., et al., J. Immunol. 148:1359-1366, 1992.
- 29.<sup>△</sup> Miller, A., et al., J. Exp. Med. 174:791, 1991.
- 30.<sup>△</sup> Miller, A., et al., Proc. Natl. Acad. Sci. USA 89:421, 1992.
- 31.<sup>♦</sup> Miller, A., et al., J. Immunol. 151:7307-15, 1993.
- 32.<sup>♦</sup> Miller, A., et al., J. Neuroimmunol. 46:73-82, 1993.
- 33.<sup>▽</sup> Mori, et al., Diabetologia 29:244-7, 1986.
- 34.<sup>○</sup> Nussenblatt, R. B. et al., J. Immunol. 144:1689, 1990.
- 35.<sup>♦</sup> Ota, K, et al., Nature, 346:183-7, 1990.
- 36.<sup>♦</sup> Pette, M., et al., Proc. Natl. Acad. Sci. USA 87:7968-72, 1990.
- 37.<sup>+</sup> Pinals, R. S., et al., Arthritis Rheum. 24:1308, 1981.
- 38.<sup>+</sup> Rama, et al., Connective Tissue Research 12:111, 1984.
- 39.<sup>△</sup> Santos, L. M. B., et al., J. Immunol. 150:115A, 1993.
40. Schwartz, Ann. Rev. Immunol. 3:237-61, 1985.
- 41.<sup>+</sup> Sewel, K.L. and Trentham, D.E., The Lancet 341:283, 1993.
- 42.<sup>+</sup> Steinbrocker, O., et al., JAMA 140:659, 1949.
- 43.<sup>♦</sup> Su, X., et al., J. Neuroimmunol. 34:181-190, 1991.
- 44.<sup>+</sup> Trentham, D. E., et al., Science 261:1727, 1993.
- 45.<sup>♦</sup> Vandembark, A.A., et al., Nature, 341:541-544, 1989.
- 46.<sup>+</sup> Weinblatt, M.E., et al., N. Eng. J. Med. 312:818, 1985.
- 47.<sup>△</sup> Weiner et al., (Abstr) Neurology (Suppl. 1) 39:172, 1989.
- 48.<sup>△</sup> Weiner, H. L., et al., Science 259:1321, 1993.
- 49.<sup>△</sup> Whitacre, C. C., et al., J. Immunol. 147:2155, 1991.
- 50.<sup>♦</sup> Wucherpfenning, K.W. et al., Science 248:1016-9, 1990.
- 51.<sup>♦</sup> Zamvil, S. S., et al., Nature 324:258-260, 1986.
- 52.<sup>+</sup> Zhang, Z. J., et al., J. Immunol. 145:2489, 1990.
- 53.<sup>▽</sup> Zhang, Z. J., et al., Proc. Natl. Acad. Sci. USA 88:10252, 1991.
- 54.<sup>▽</sup> Zhang, Z. J., et al., FASEB J. 6(5) A1693, 1992.

\*These references are generally related towards the rheumatoid arthritis claims.

▽These references are generally related towards diabetes mellitus claims.

♦These references are particularly relevant to the claims directed towards the use of Myelin Basic Protein fragments.

△These references are generally related towards the multiple sclerosis claims.

○These references are generally related towards other, unclaimed, autoimmune diseases.

EXAMINER:

DATE CONSIDERED:

12/29/95

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\*Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



SHEET 1 OF 2

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	1. WO 80/02501	11/27/80	PCT	_____	_____	
	2. 0 304 279 A2	02/22/89	EP	_____	_____	
	3. 0 271 577 B1	10/04/95	EP	_____	_____	

**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**

\*EXAMINER  
INITIALS

- R/
4. Higgins et al., J. Immunology, 140:440-445, 1988.
  5. Eylar, Adv. Exp. Med. Bio., 98:259-281, 1978.
  6. Sriram et al., Cell. Immunol., 75:378-382, 1983. ✓
  7. Nagler-Anderson et al., PNAS, 83:7443-7446, 1986.
  8. Schoen, J. Immunol., 128:717-719, 1982. ✓
  9. Higgins et al., Annals Neurology, abstract no. P154, 1986.
  10. Whitacre et al., 6th Int'l. Cong. Immunol., abstract no. 3.62.21, 1986.
  11. Zamvil et al., Nature, 324:258-260, 1986.
  12. Fritz et al., J. Immunol., 134:2328-2332, 1985.
  13. Fritz et al., J. Immunol., 130:191-194, 1983.
  14. Pettinelli et al., J. Immunol., 129:1209-1211, 1982.
  15. Whitaker et al., J. Bio. Chem., 250:9106-9111, 1975.
  16. Thompson et al., Clin. Exp. Immunol., 64:581-586, 1985.
  17. Lider et al., J. Immunol., 142:748-752, 1989.
  18. Friedman et al., PNAS, 91:6688-6692, 1994.

19. Bitar, dissertation entitled, The Suppressive Effects of Oral Myelin Basic Protein..., 1986.  
20. Nagler-Anderson, dissertation entitled, Immunoregulation of an Exp. Model of Autoimmunity, 1986.  
21. Rothbart, 1st Forum in Virology, pgs. 518-520, 1986.  
22. Bitar et al., Cell. Immunol., 112:364-370, 1988.  
23. Eylar et al., Neurochem. Research, 4:249-258, 1979.  
24. Kagnoff, Oral Tolerance, pgs. 248-269, 1982.  
25. Mowat, Immunol. Today, 8:93-98, 1987.  
26. Weiner et al., Science, 259:1321-1324, 1993.  
27. Campbell et al., Arch. Neurol., 29:10-15, 1973.  
28. Carnegie et al., Immunol. 19:55-63, 1970.  
29. Fritz et al., J. Immunol., 130:1024-1026, 1983.  
30. Hashim et al., Arch. Biochem. and Biophys., 156:287-297, 1973.

EXAMINER:



DATE CONSIDERED:

12/29/99

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